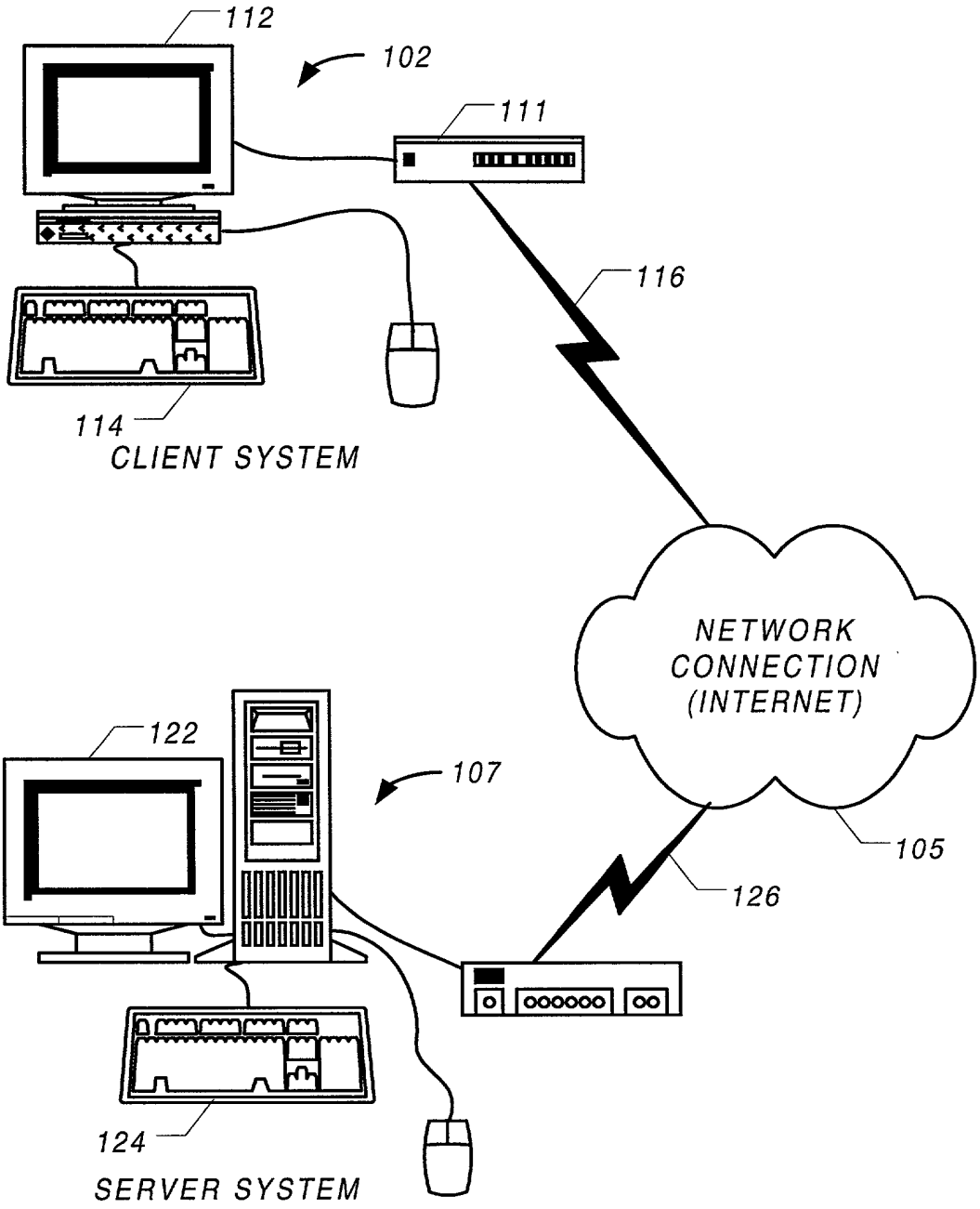
112
102
111
116
114
CLIENT SYSTEM
NETWORK
CONNECTION
(INTERNET)
122
107
105
126
124
SERVER SYSTEM

FIG. 1

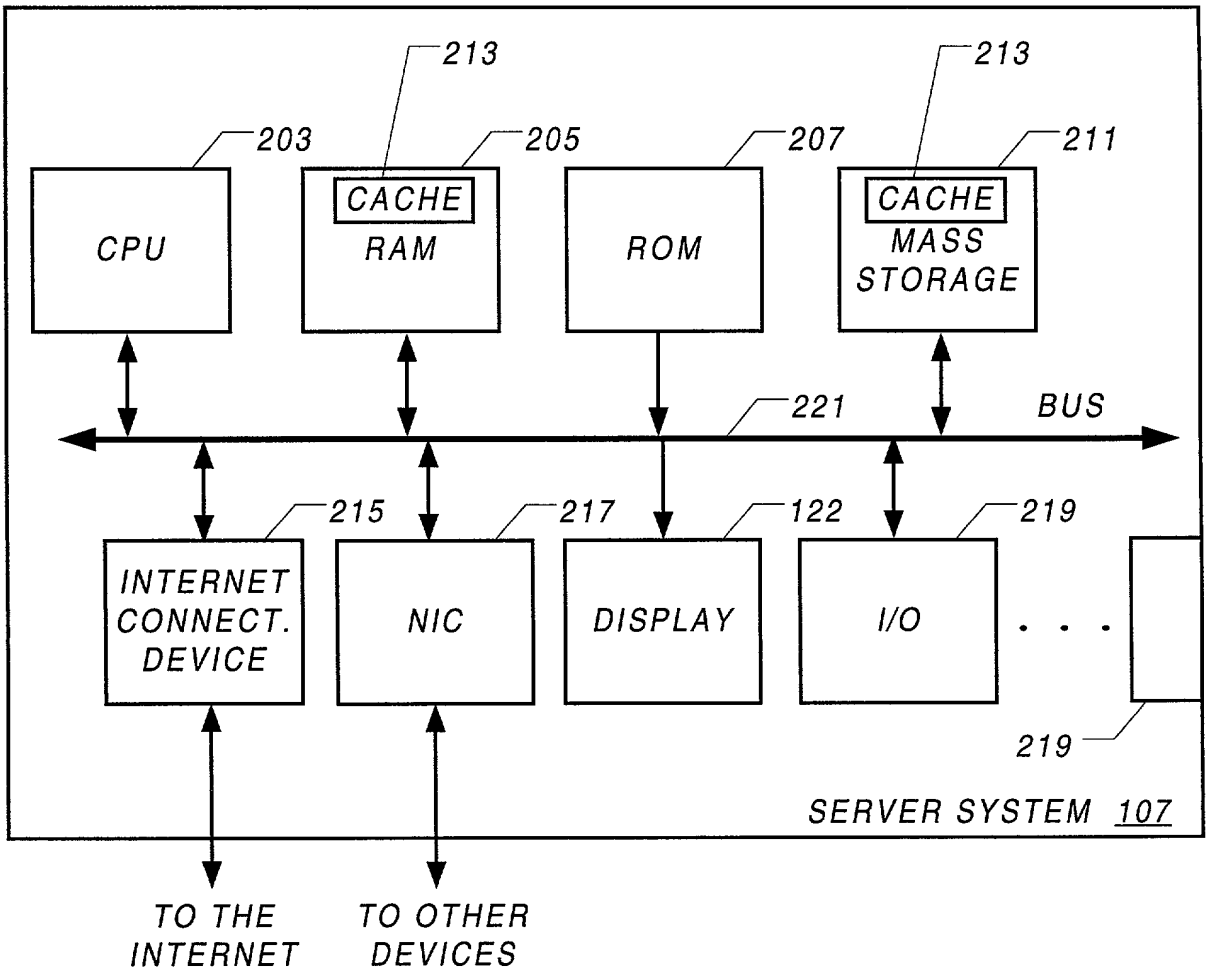
213
213
203
205
207
211
CPU
CACHE
RAM
ROM
CACHE
MASS
STORAGE
221
BUS
215
217
122
219
INTERNET
CONNECT.
DEVICE
NIC
DISPLAY
I/O
. . .
219
SERVER SYSTEM 107
TO THE
INTERNET
TO OTHER
DEVICES

FIG. 2

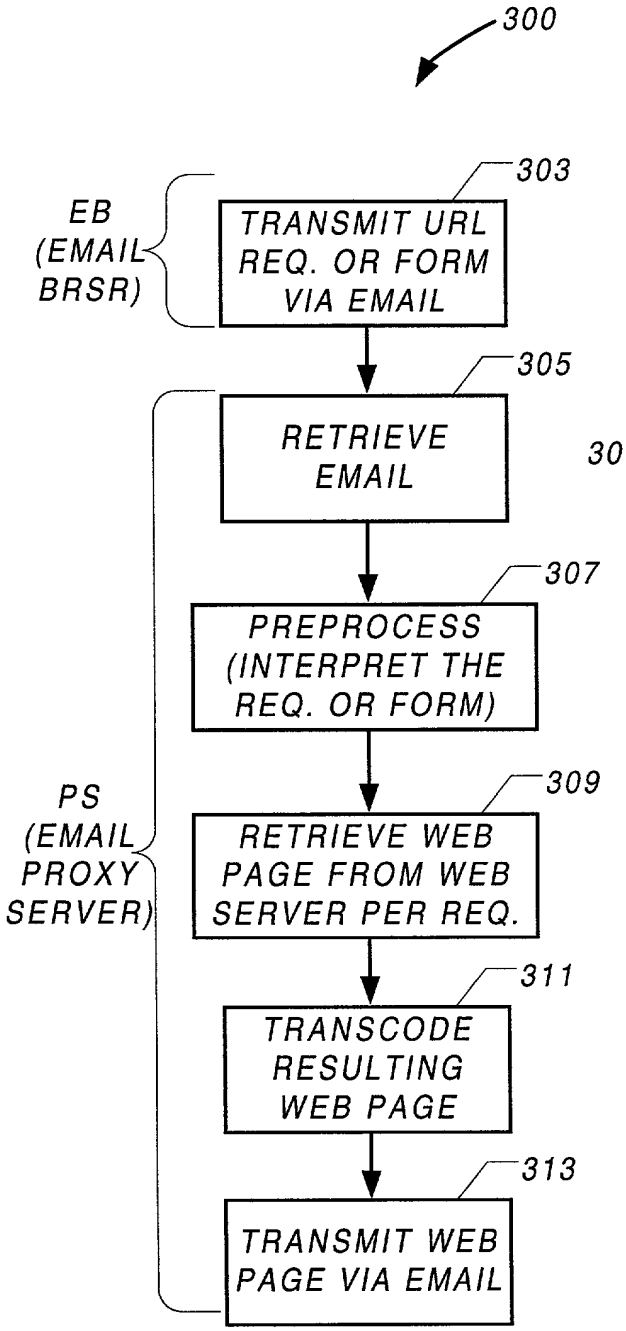
300
303
EB (EMAIL BRSR)
TRANSMIT URL REQ. OR FORM VIA EMAIL
305
RETRIEVE EMAIL
307
PREPROCESS (INTERPRET THE REQ. OR FORM)
309
PS (EMAIL PROXY SERVER)
RETRIEVE WEB PAGE FROM WEB SERVER PER REQ.
311
TRANSCODE RESULTING WEB PAGE
313
TRANSMIT WEB PAGE VIA EMAIL

FIG. 3A

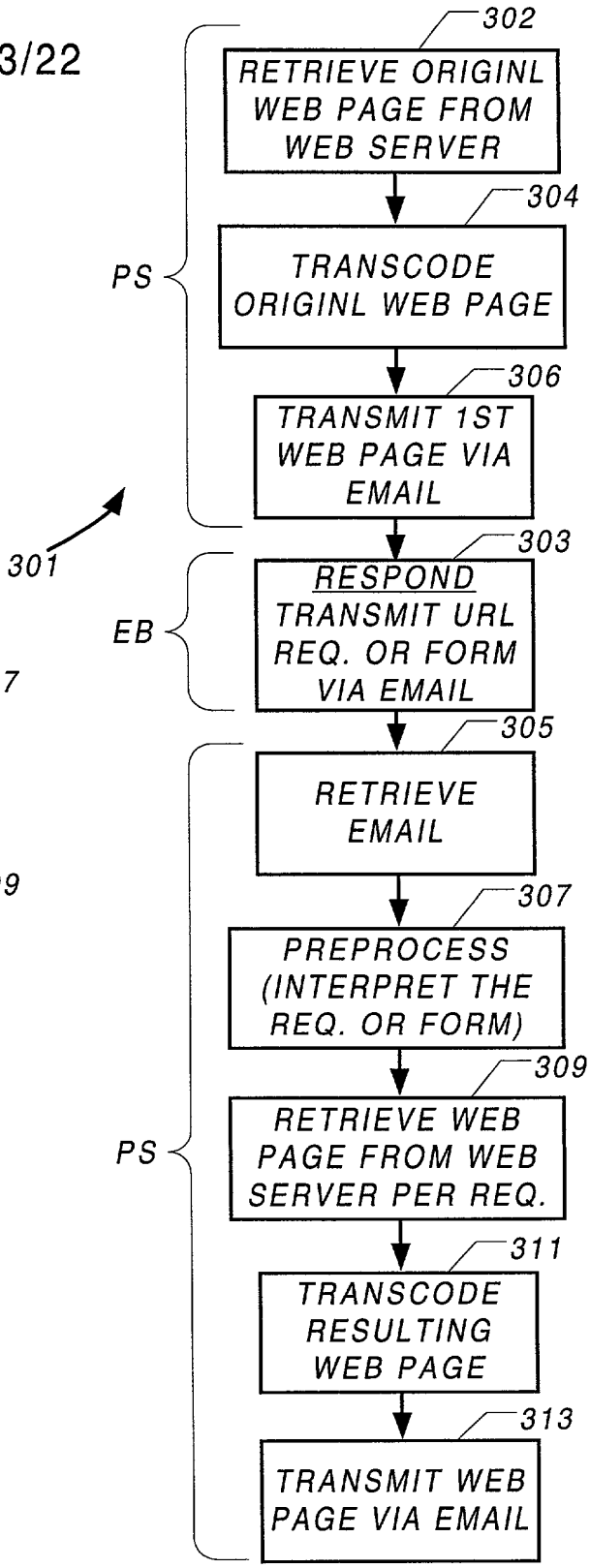
302
RETRIEVE ORIGINL WEB PAGE FROM WEB SERVER
304
PS
TRANSCODE ORIGINL WEB PAGE
306
TRANSMIT 1ST WEB PAGE VIA EMAIL
301
303
RESPOND TRANSMIT URL REQ. OR FORM VIA EMAIL
EB
305
RETRIEVE EMAIL
307
PREPROCESS (INTERPRET THE REQ. OR FORM)
309
PS
RETRIEVE WEB PAGE FROM WEB SERVER PER REQ.
311
TRANSCODE RESULTING WEB PAGE
313
TRANSMIT WEB PAGE VIA EMAIL

FIG. 3B

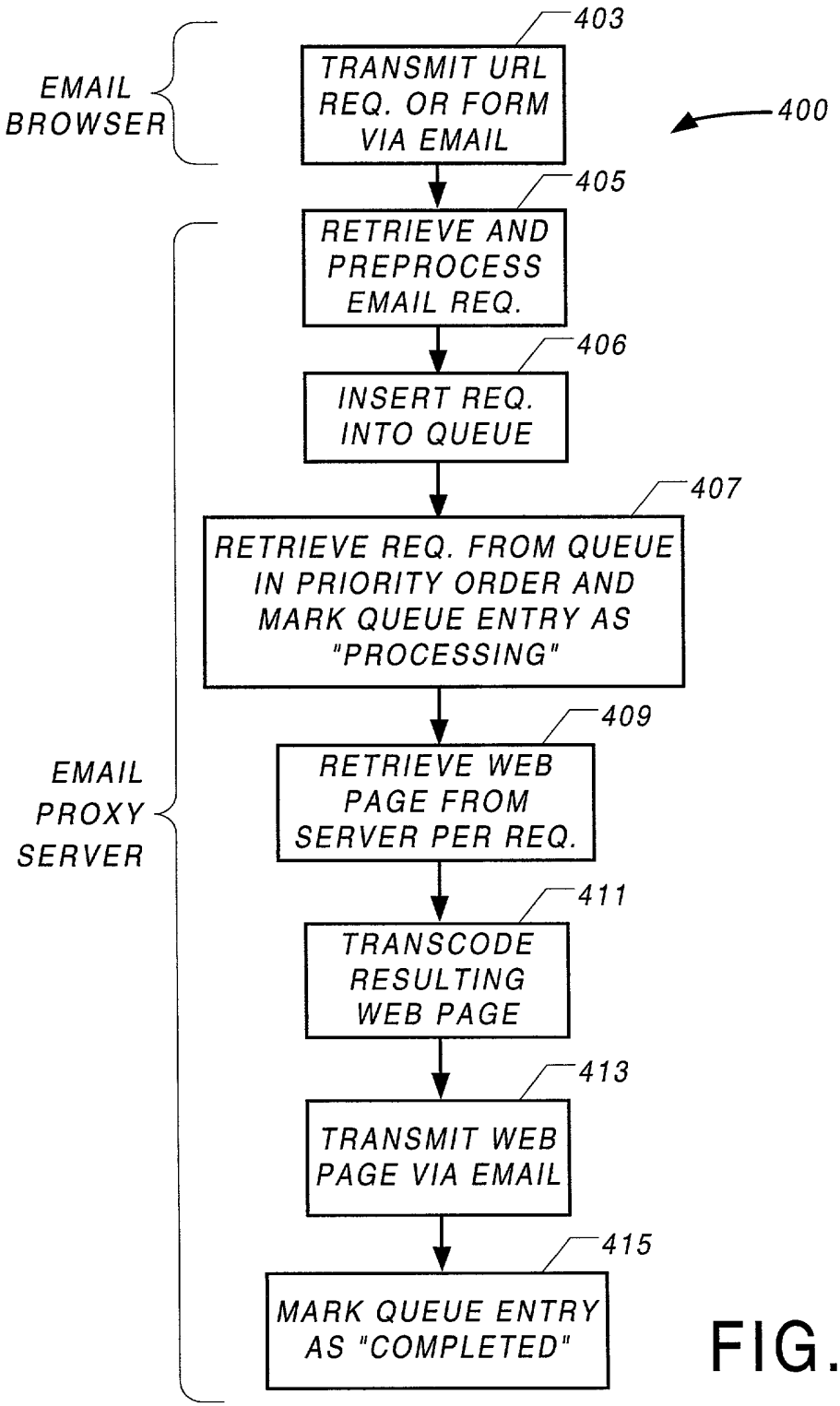

FIG. 4

Docket No. BIGBOW-001

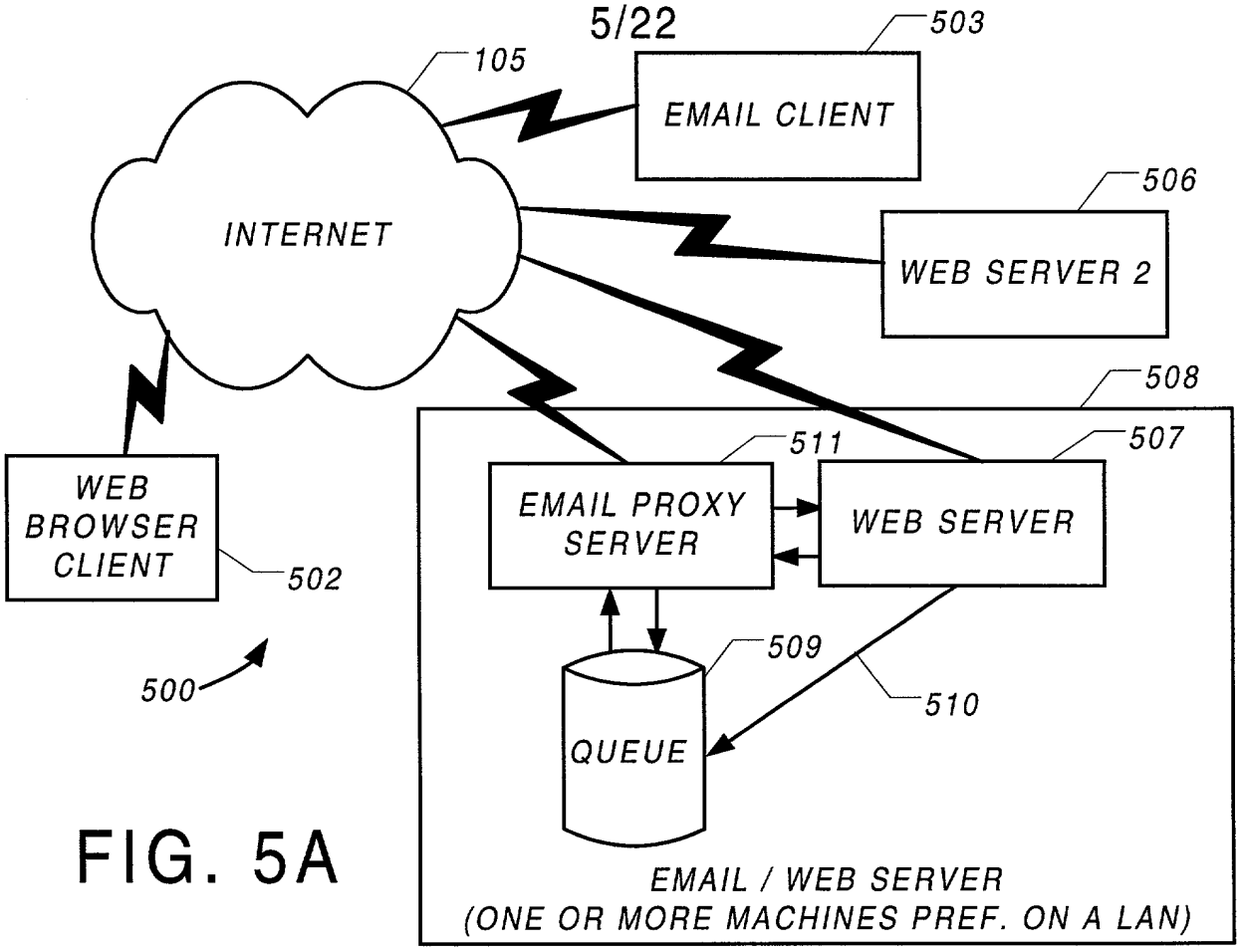
105
503
EMAIL CLIENT
INTERNET
506
WEB SERVER 2
508
511
507
EMAIL PROXY SERVER
WEB SERVER
WEB BROWSER CLIENT
502
509
510
QUEUE
500
EMAIL / WEB SERVER
(ONE OR MORE MACHINES PREF. ON A LAN)

FIG. 5A

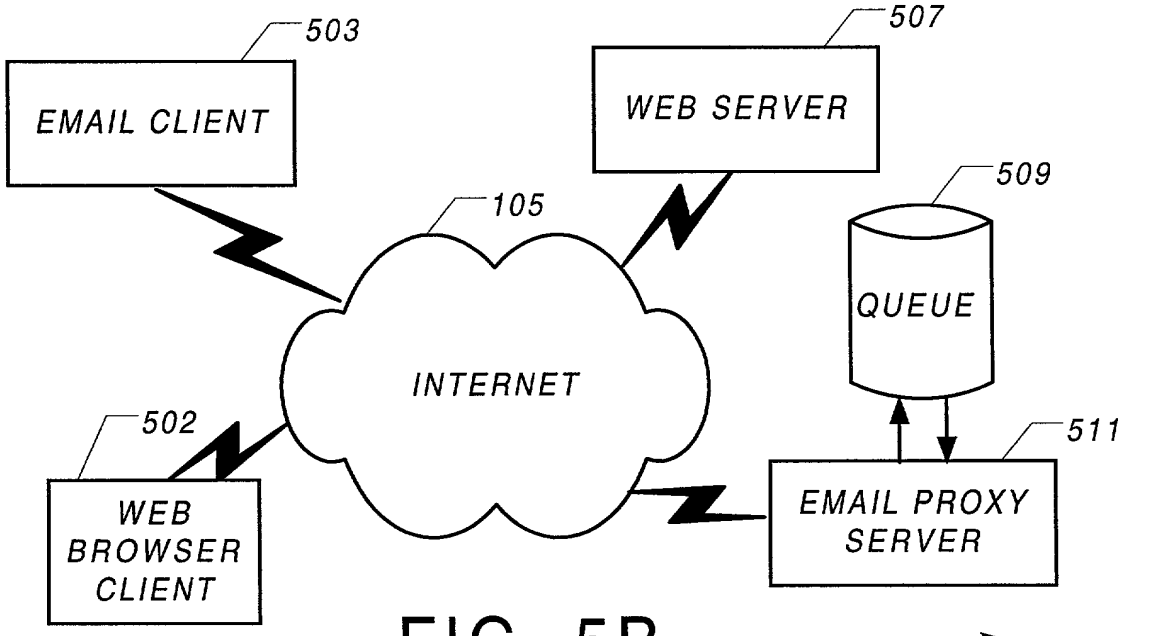
503
EMAIL CLIENT
507
WEB SERVER
509
105
QUEUE
INTERNET
502
511
WEB BROWSER CLIENT
EMAIL PROXY SERVER
550

FIG. 5B

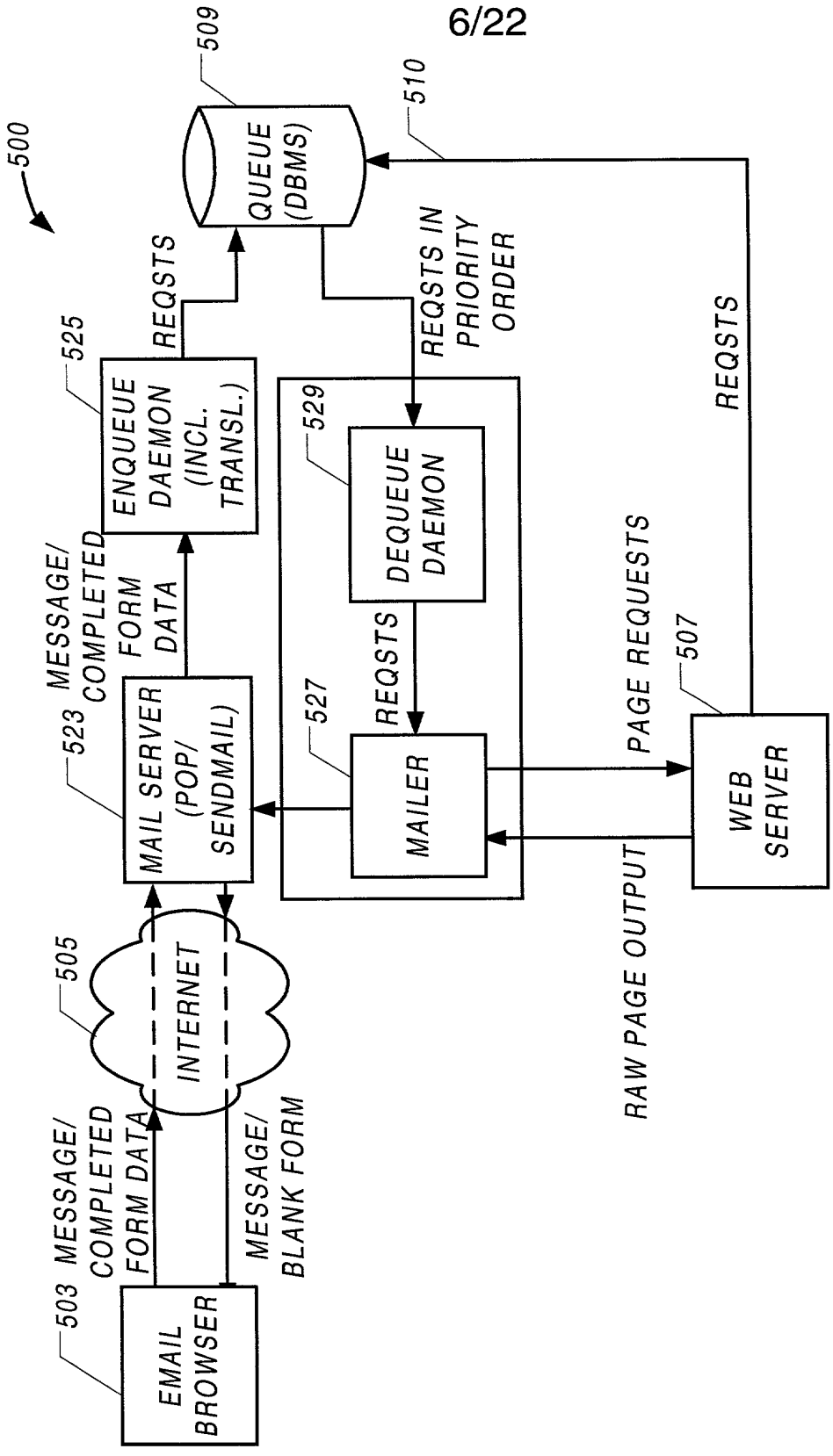
500
509
QUEUE (DBMS)
510
REQSTS
525
ENQUEUE DAEMON (INCL. TRANSL.)
REQSTS IN PRIORITY ORDER
529
DEQUEUE DAEMON
REQSTS
MESSAGE/ COMPLETED FORM DATA
523
MAIL SERVER (POP/ SENDMAIL)
527
MAILER
PAGE REQUESTS
507
WEB SERVER
REQSTS
RAW PAGE OUTPUT
505
INTERNET
MESSAGE/ COMPLETED FORM DATA
MESSAGE/ BLANK FORM
503
EMAIL BROWSER

FIG. 5C

TD6020 "ht098760

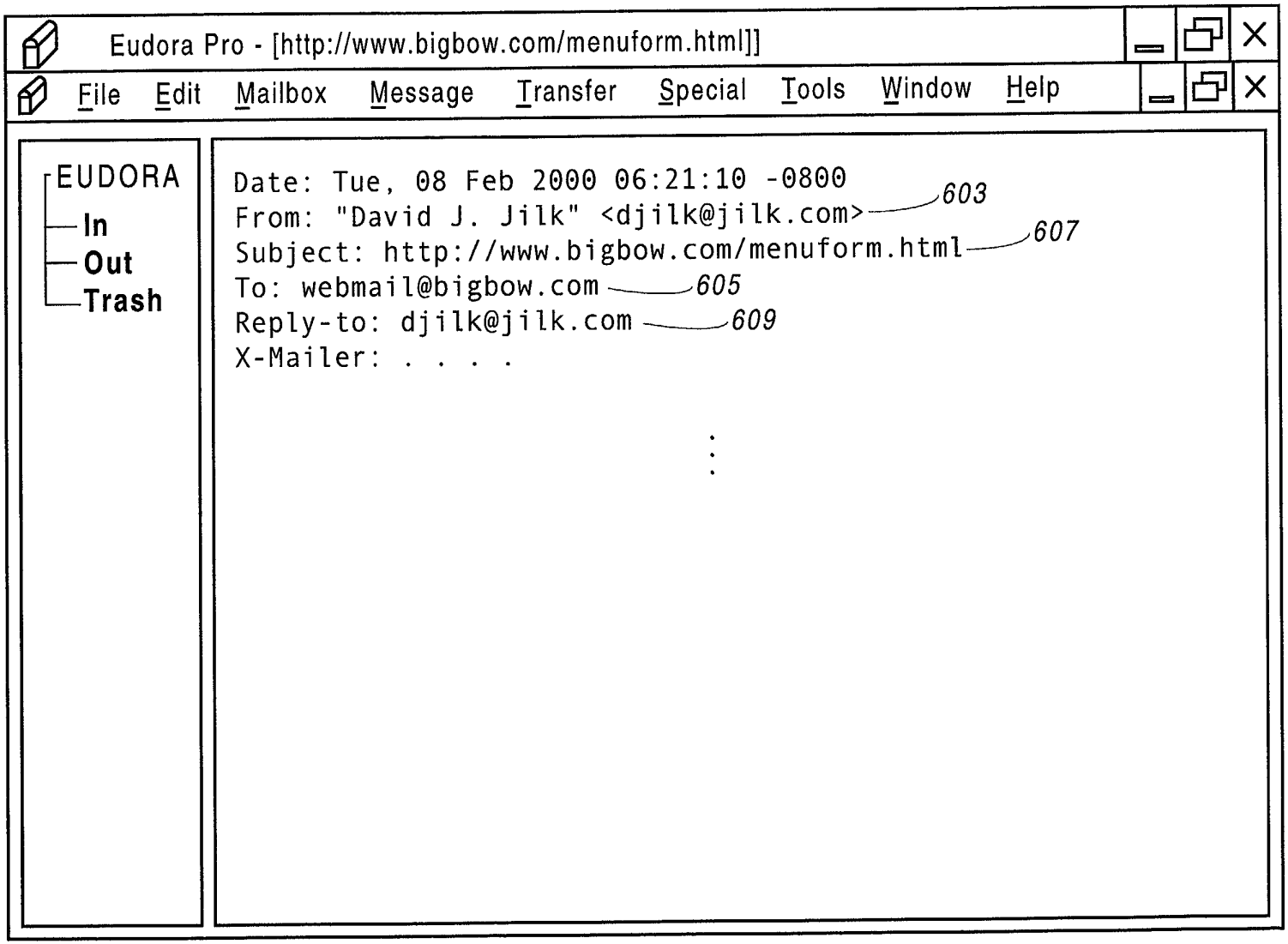

FIG. 6

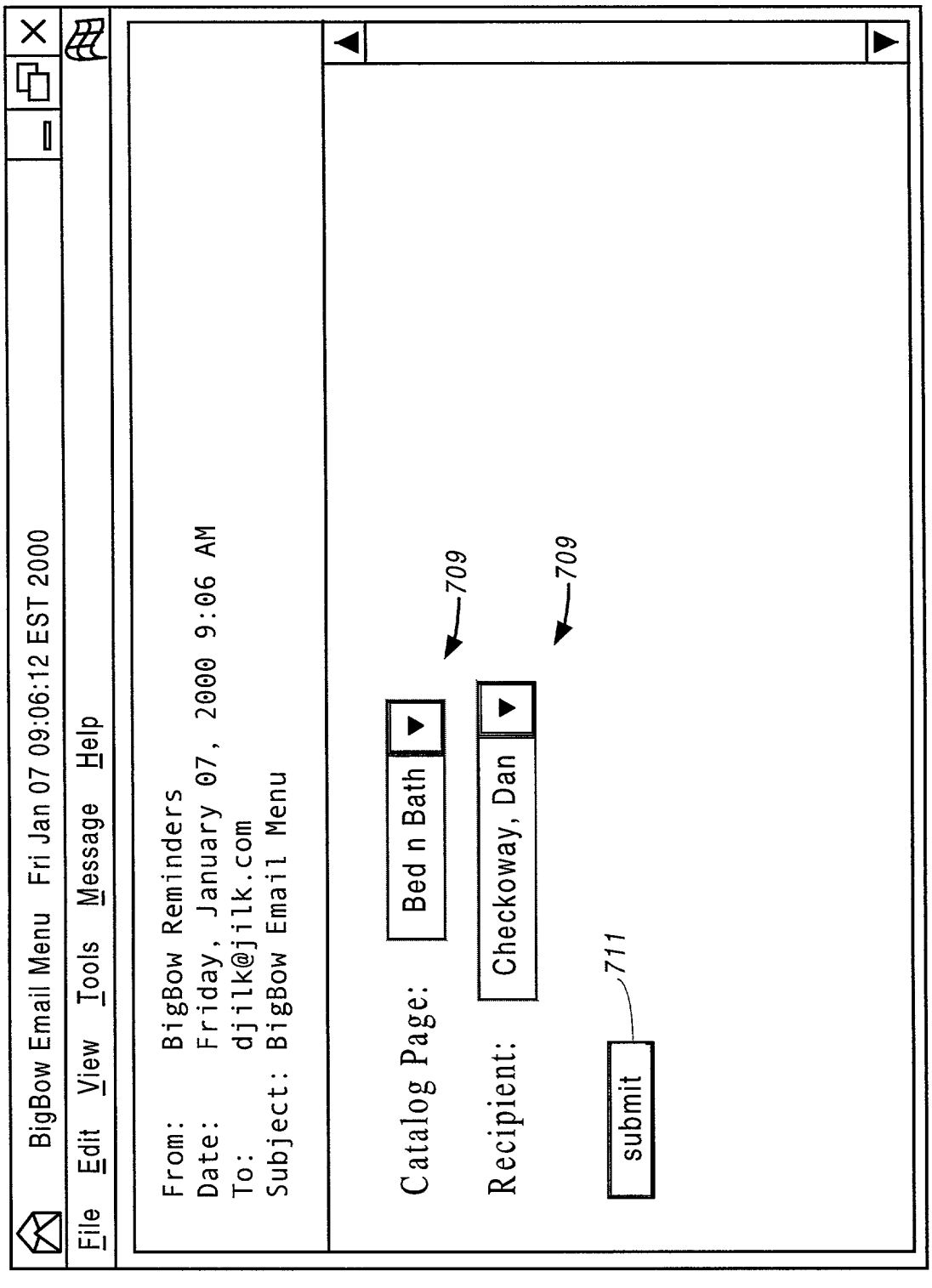
BigBow Email Menu Fri Jan 07 09:06:12 EST 2000
File Edit View Tools Message Help
From: BigBow Reminders
Date: Friday, January 07, 2000 9:06 AM
To: djilk@jilk.com
Subject: BigBow Email Menu
Catalog Page:
Bed n Bath
709
Recipient:
Checkoway, Dan
709
submit
711
EMAIL HTML DISPLAY WINDOW
700

FIG. 7A

750

```
<HTML>
<HEAD>
<META content=text/html;charset=iso-8859-1 http-equiv=Content-Type>
</HEAD>
<BODY>
<FORM action=mailto:webmail@bigbow.com method=POST>
<INPUT type=hidden name=REQUEST_URL
      value="http://www.bigbow.com/catalog.asp">
<INPUT type=hidden name=REQUEST_METHOD value=POST>
<P>Catalog Page:
<SELECT name=catalog>
<OPTION value=1>Bed n Bath</OPTION>
<OPTION value=2>Traditions</OPTION>
</SELECT>
<P>Recipient:
<SELECT name=recipient>
<OPTION value=1>Checkoway, Dan</OPTION>
<OPTION value=2>Hoffman, Jon</OPTION>
</SELECT>
<P><INPUT name=submit type=submit value=submit>
</FORM></BODY></HTML>
```

EMAIL HTML SOURCE

FIG. 7B

Exhibit 2008

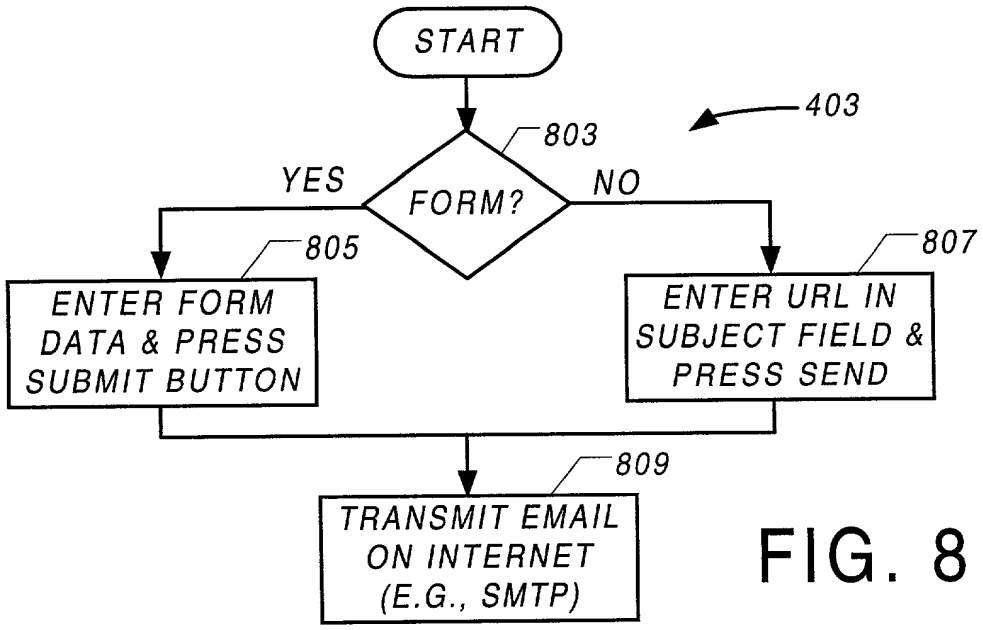

FIG. 8

Docket: BIGBOW-001

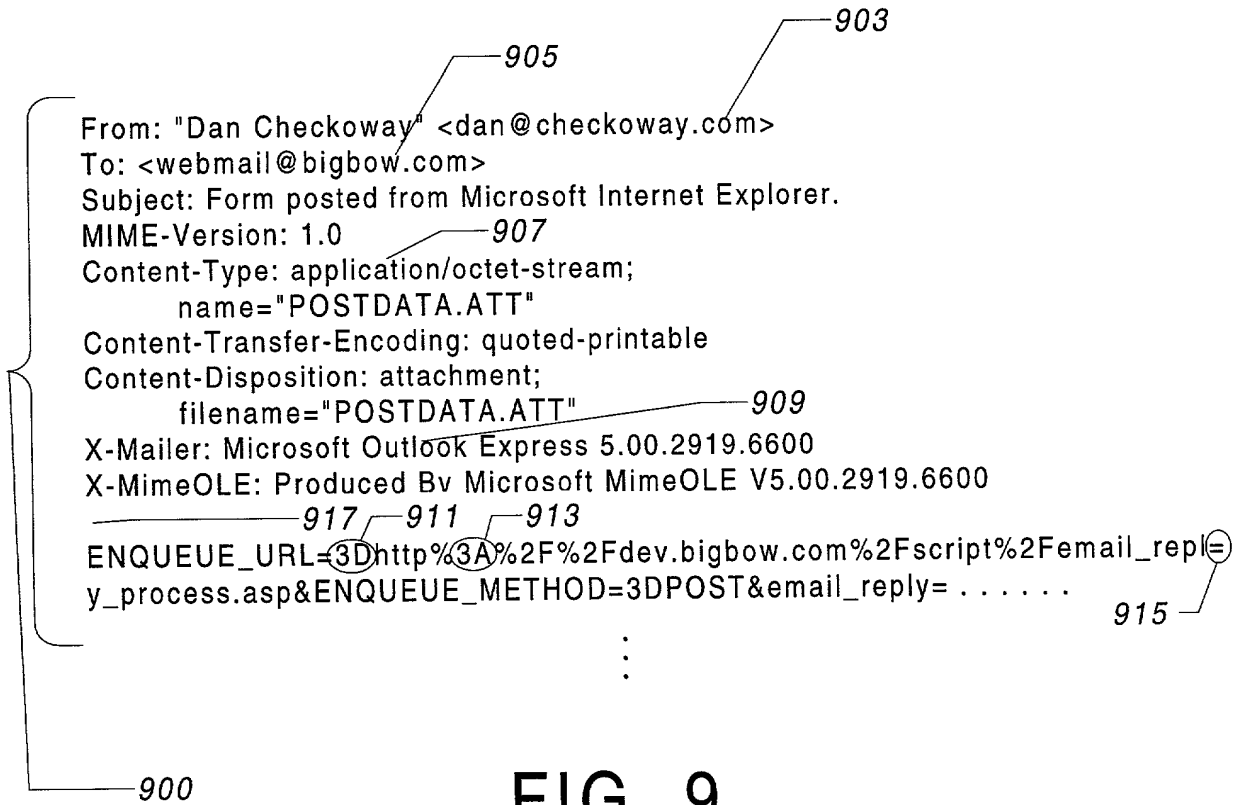

FIG. 9

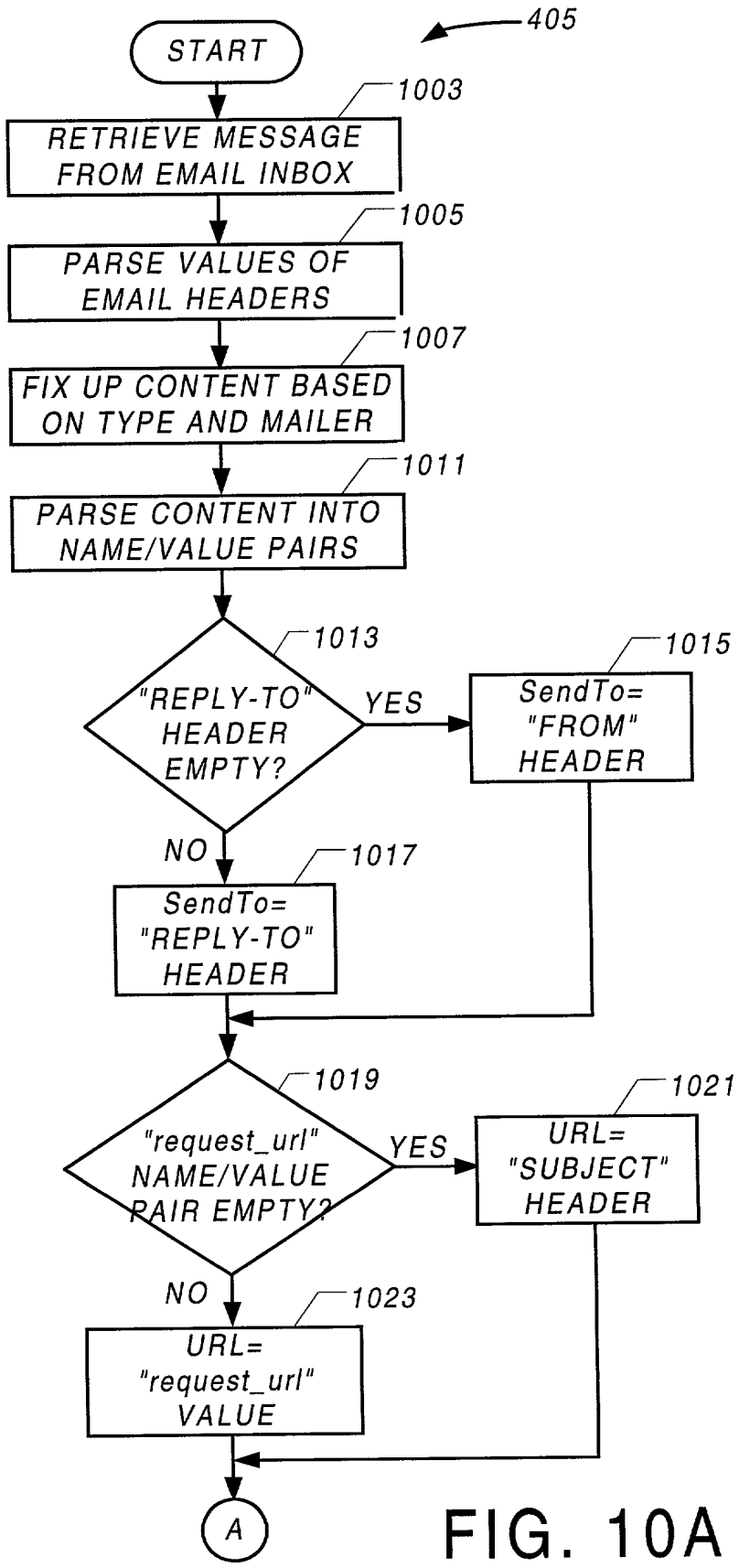

FIG. 10A

Attorney Docket: BigBow-001

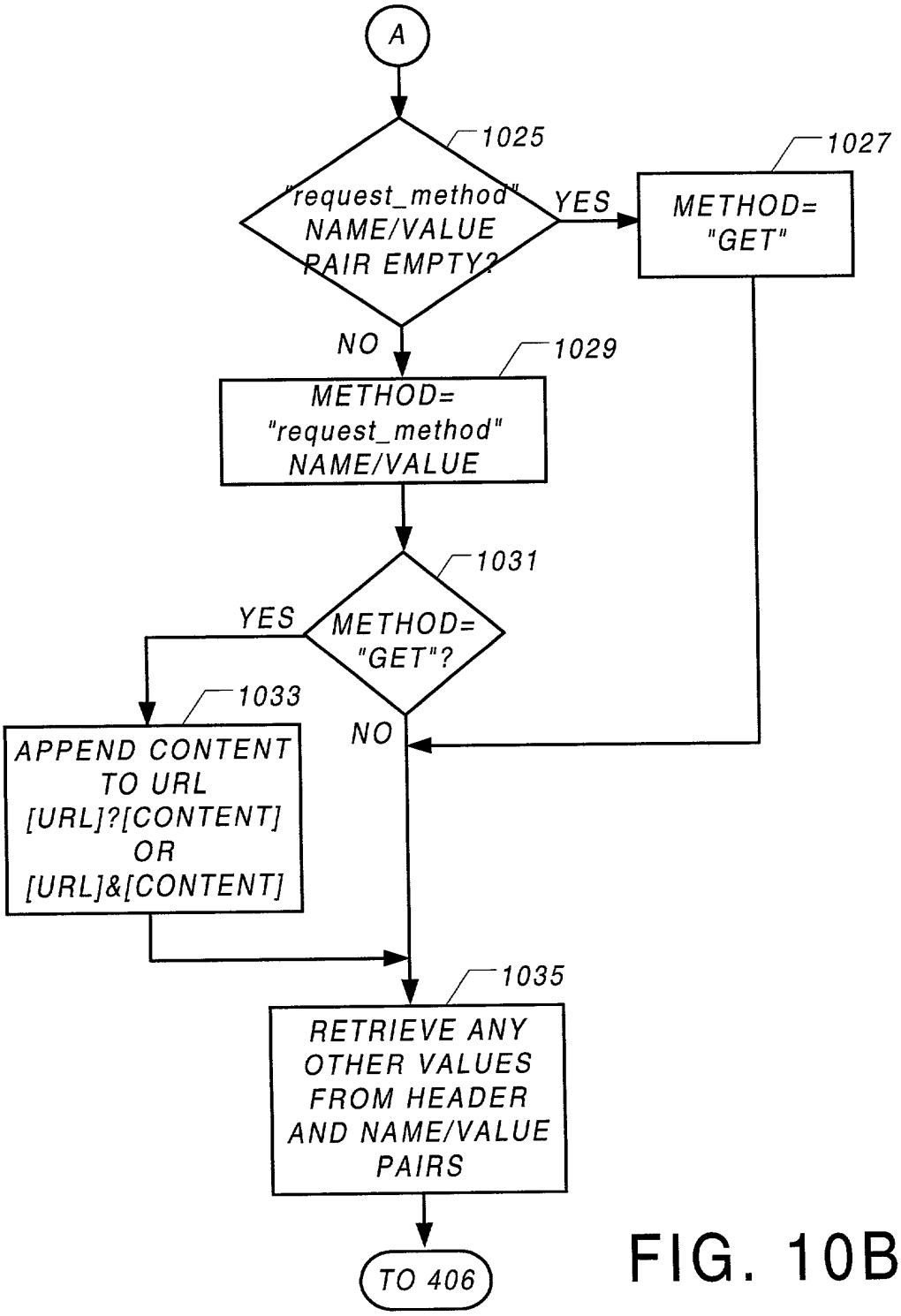

FIG. 10B

Google Inc. Exhibit 1008

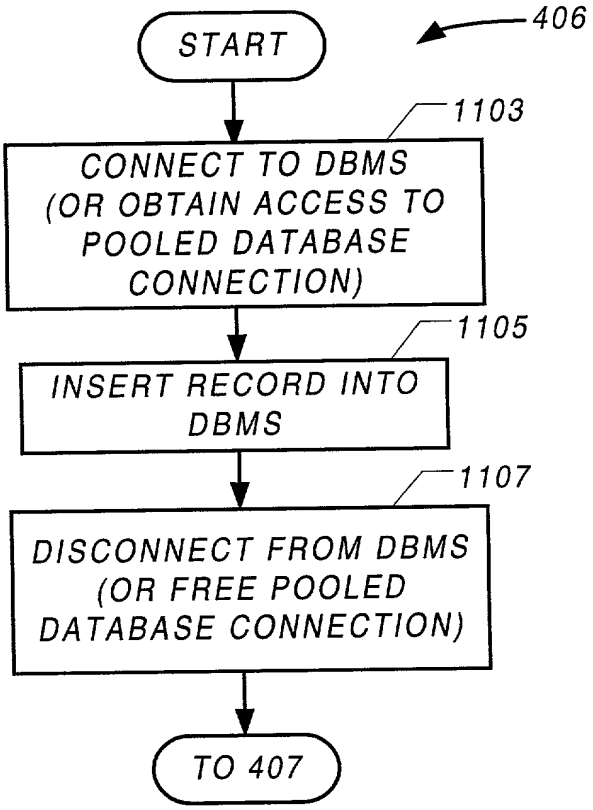

FIG. 11

US 2003/0233374 A1

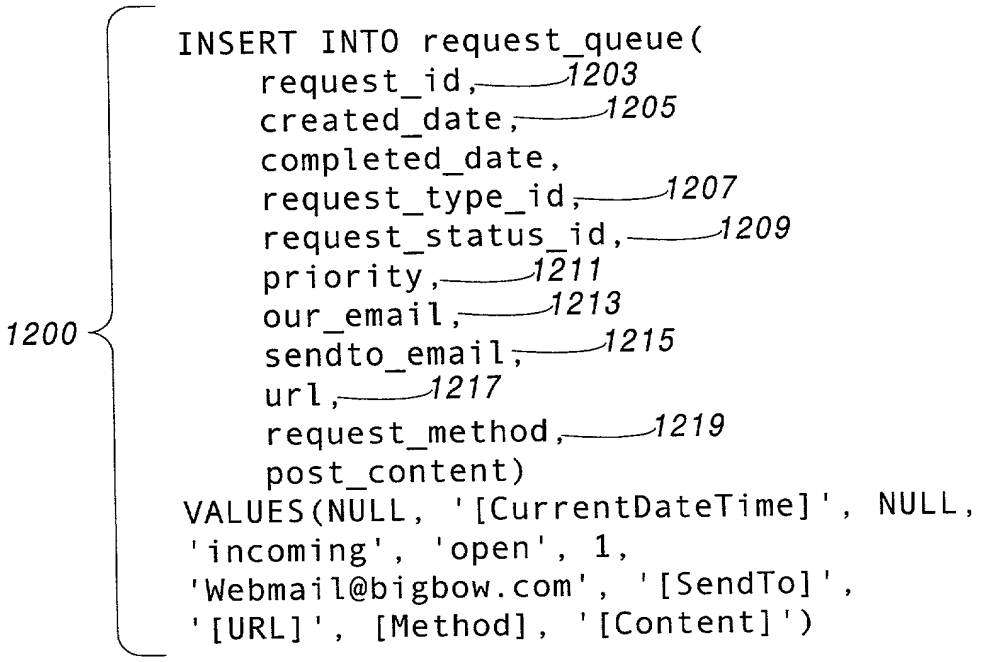

FIG. 12

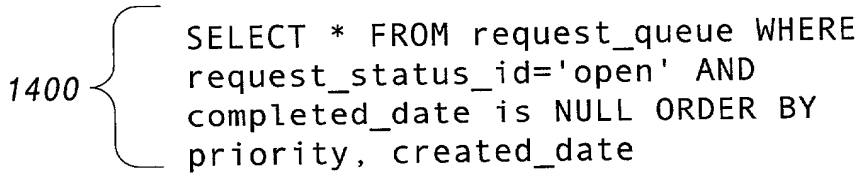

FIG. 14

US 2006/0265508 A1 Nov. 23, 2006

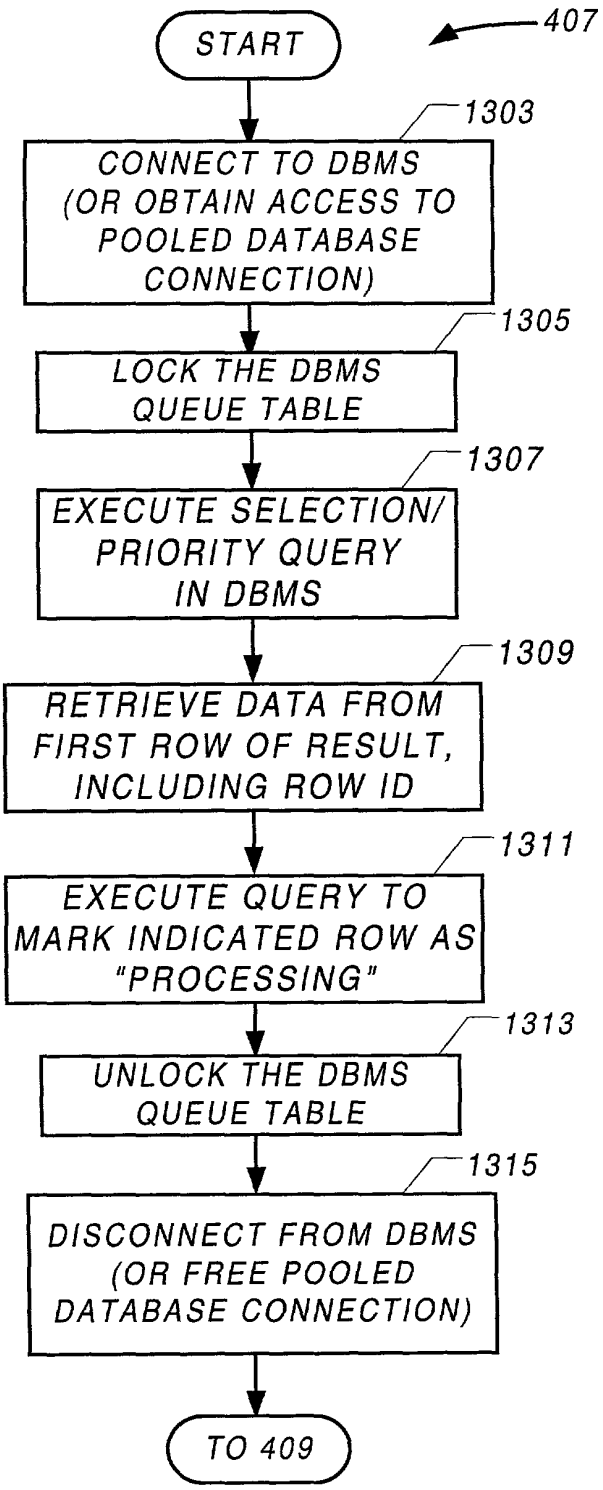

FIG. 13

Exhibit 1003, p. 1503

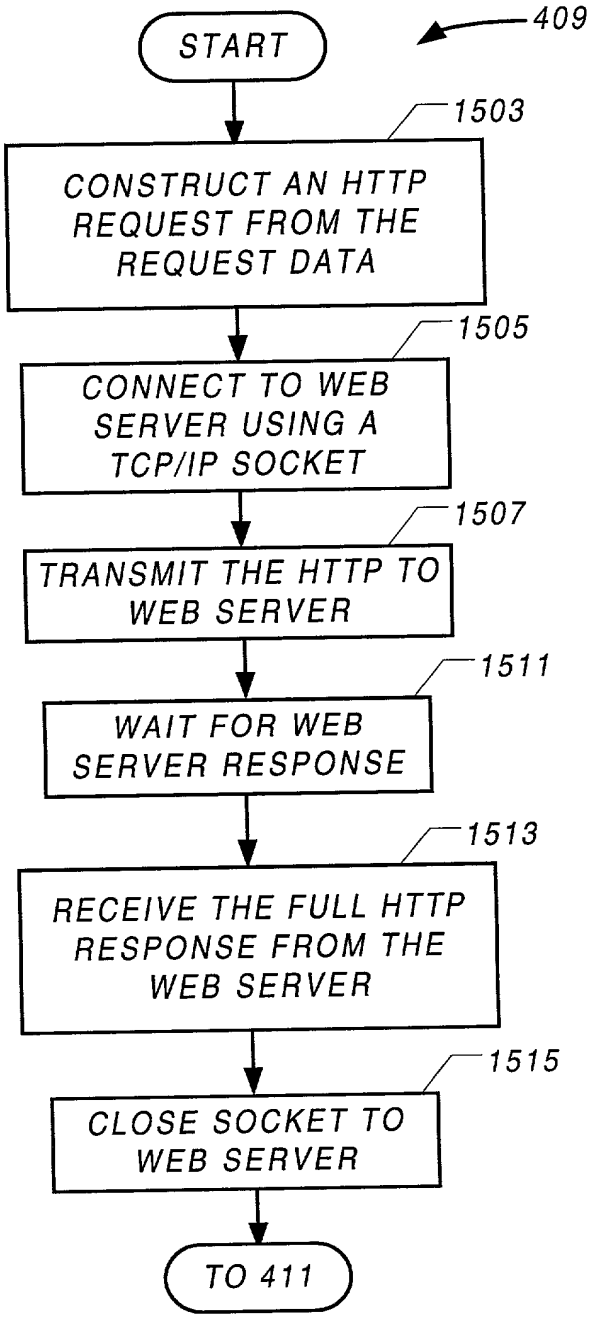
409
START
1503
CONSTRUCT AN HTTP REQUEST FROM THE REQUEST DATA
1505
CONNECT TO WEB SERVER USING A TCP/IP SOCKET
1507
TRANSMIT THE HTTP TO WEB SERVER
1511
WAIT FOR WEB SERVER RESPONSE
1513
RECEIVE THE FULL HTTP RESPONSE FROM THE WEB SERVER
1515
CLOSE SOCKET TO WEB SERVER
TO 411

FIG. 15

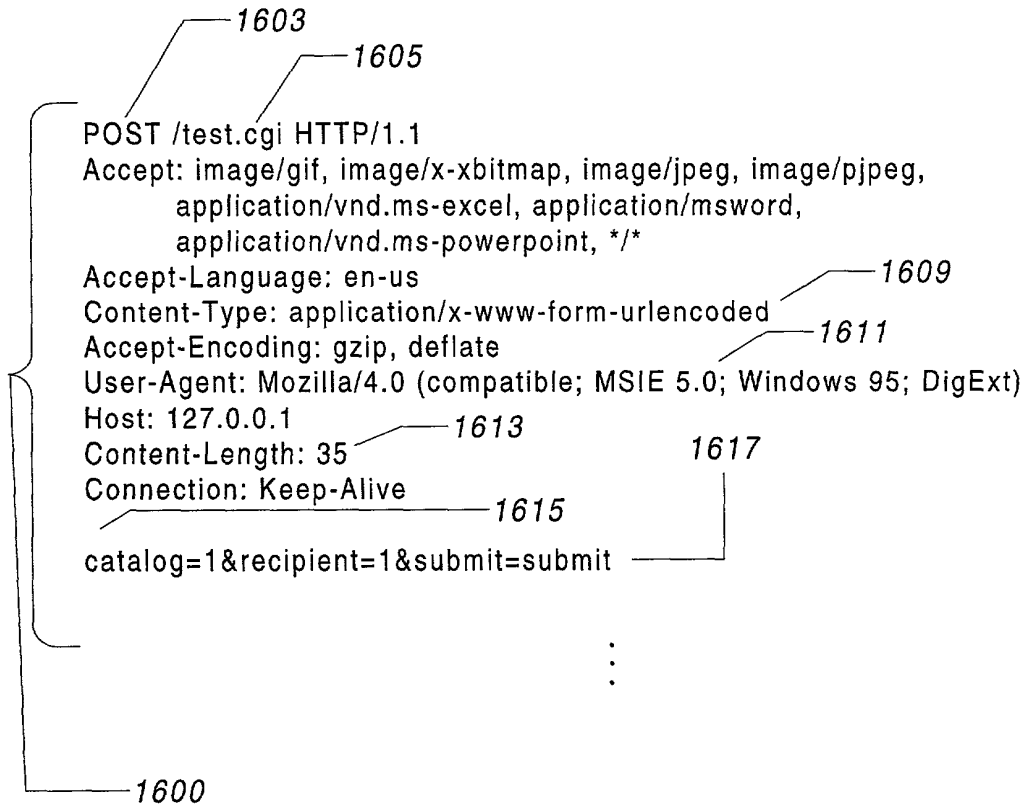

FIG. 16

Patent Application Publication

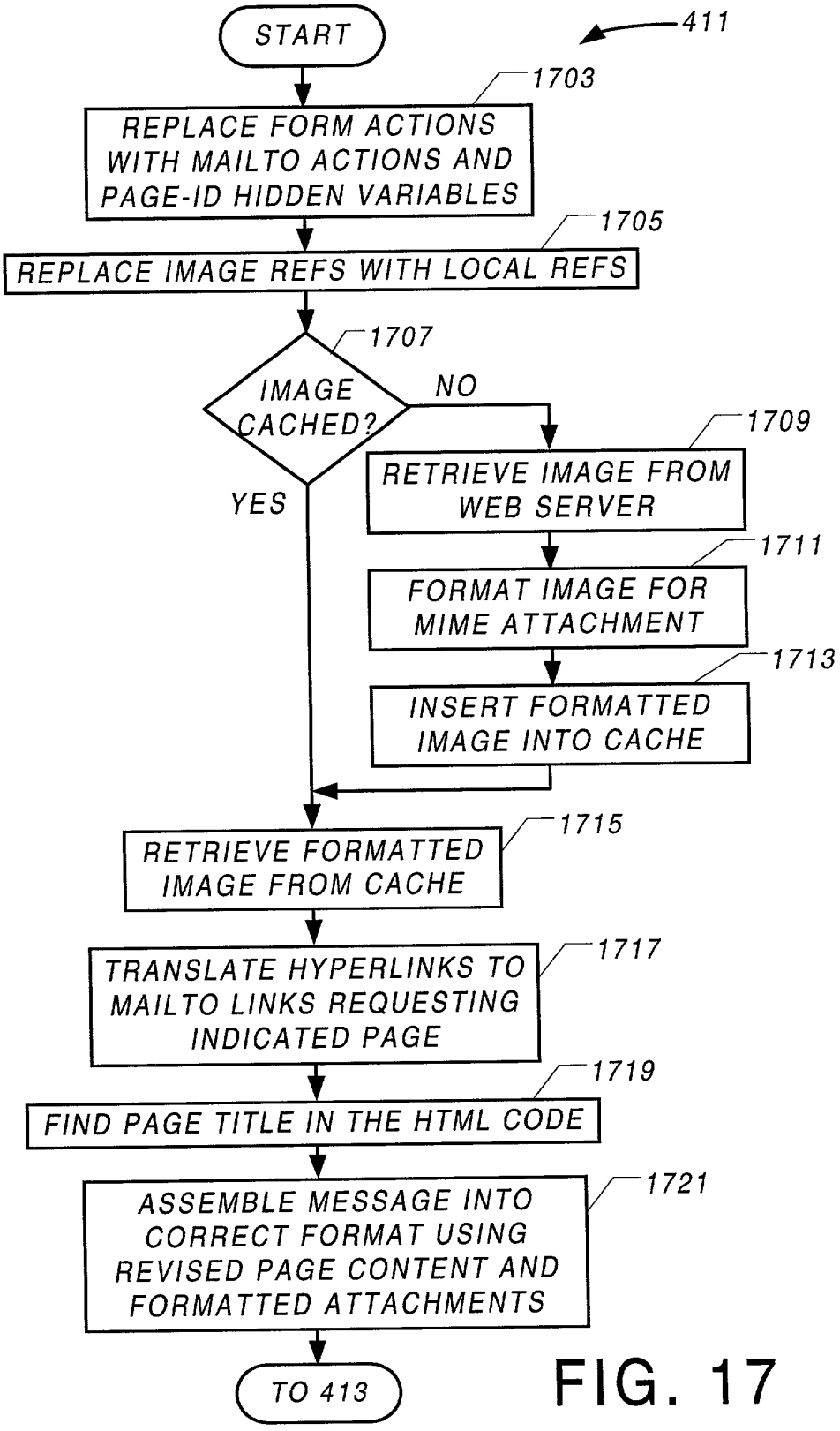

FIG. 17

Document: 3000

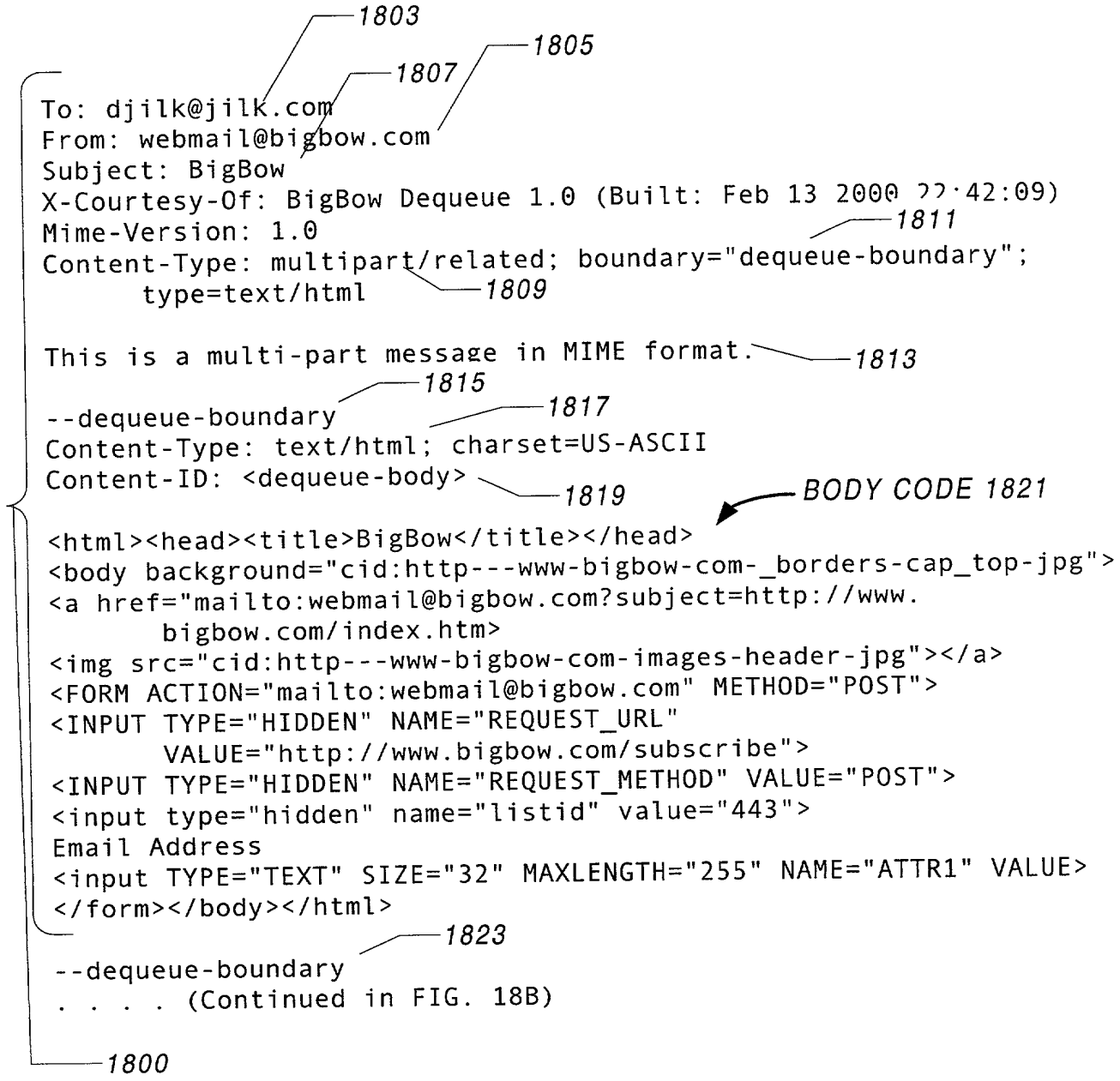
1803
1805
1807
To: djilk@jilk.com
From: webmail@bigbow.com
Subject: BigBow
X-Courtesy-Of: BigBow Dequeue 1.0 (Built: Feb 13 2000 22:42:09)
1811
Mime-Version: 1.0
Content-Type: multipart/related; boundary="dequeue-boundary";
type=text/html
1809
This is a multi-part message in MIME format.
1813
1815
--dequeue-boundary
1817
Content-Type: text/html; charset=US-ASCII
Content-ID: <dequeue-body>
1819
BODY CODE 1821
<html><head><title>BigBow</title></head>
<body background="cid:http---www-bigbow-com-_borders-cap_top-jpg">
<a href="mailto:webmail@bigbow.com?subject=http://www.
bigbow.com/index.htm>
<img src="cid:http---www-bigbow-com-images-header-jpg">
<FORM ACTION="mailto:webmail@bigbow.com" METHOD="POST">
<INPUT TYPE="HIDDEN" NAME="REQUEST_URL"
VALUE="http://www.bigbow.com/subscribe">
<INPUT TYPE="HIDDEN" NAME="REQUEST_METHOD" VALUE="POST">
<input type="hidden" name="listid" value="443">
Email Address
<input TYPE="TEXT" SIZE="32" MAXLENGTH="255" NAME="ATTR1" VALUE>
</form></body></html>
1823
--dequeue-boundary
. . . . (Continued in FIG. 18B)
1800

FIG. 18A

1827
. . .(continuing from FIG. 18A last line " --dequeue-boundary")
Content-ID: <http---www-bigbow-com- borders-cap_top-jpg>
Content-Type: image/jpeg
1825
Content-Transfer-Encoding: BASE64
1829
R0lGODlheAAKALMAAA8PjRwckz8/pG5uup6e0czM5/b2+v///wAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAACwAAAAAeAAKAAAEVfDISau9O0vNu/9gKI5k+RWD
oK5s675wLM90XQ9FZgwB4P/AoHBILBqPyKTyFxgYKoSldEqtWouESfTK7Xq/
2UPvSy6bi4FD4cxum1HuuLw6mNvvyAgAOw==
ENCODED IMAGE DATA 1821
--dequeue-boundary
Content-ID: <http---www-bigbow-com-images-header-jpg>
Content-Type: image/jpeg
Content-Transfer-Encoding: BASE64
R0lGODlhJgIxAMQAAA8PixcXuBsbzmNjuQoKEJiY0ezs9vPz+dPT2Pn5/Ofn
6aWlpv////39/fn5+fPz8wAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAACwAAAAJgIxAAAF/yAjjuQAnIAwrGzrvnAs
.
.
.
wWU7+9nQjnZ6sJmAWqx619jONq4OYFjOJMAABjhAAh7XgAOYe9y2Tre6183u
drv73fCON6ntLO962/ve+M63vvfN72jQudv9DrjAB07wghv84LcAOMIXzvCG
O/zhEI+4xCdO8Ypb/OIYz7jGN87xjnv84yAPuchHTvKSm/zkKE85LKqt8pa7
/OUwj7nMZ07zmjckBAA7
1833
--dequeue-boundary--
1800 (CONTD.)

FIG. 18B

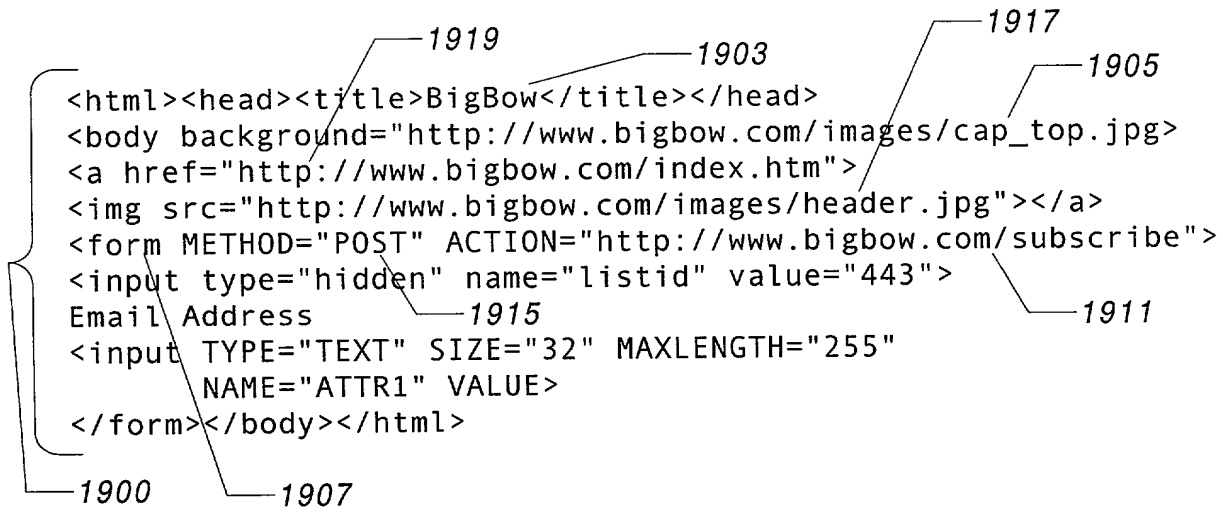

FIG. 19A

FIG. 19B

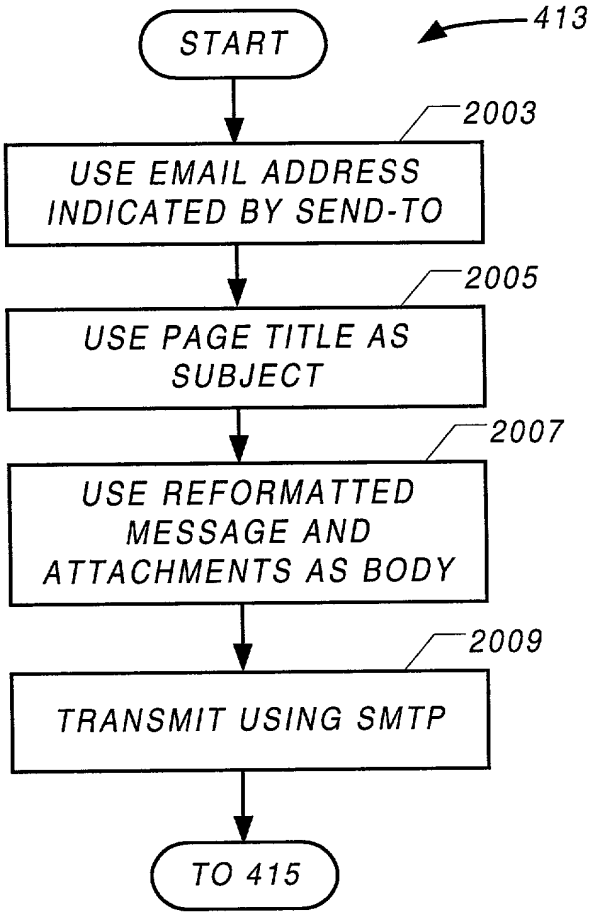
START
413
2003
USE EMAIL ADDRESS INDICATED BY SEND-TO
2005
USE PAGE TITLE AS SUBJECT
2007
USE REFORMATTED MESSAGE AND ATTACHMENTS AS BODY
2009
TRANSMIT USING SMTP
TO 415

FIG. 20

Our Ref./Docket No: BIGBOW-001-1 Pate

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jilk, Jr., *et al.* Title: SYSTEM, METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR OPERATING A WEB SITE BY ELECTRONIC MAIL	Group Art Unit: unassigned Examiner: unassigned

LETTER TO OFFICIAL DRAFTSPERSON SUBMISSION OF FORMAL DRAWINGS

The Commissioner for Patents
Washington, DC 20231
ATTN: Official Draftsperson

Dear Sir or Madam:

Attached please find 22 sheets of formal drawings to be made of record for the above identified patent application submitted herewith.

Respectfully Submitted,

Feb 9, 2001
Date

Dov Rosenfeld, Reg. No. 38687

Address for correspondence and attorney for applicant(s):
Dov Rosenfeld, Reg. No. 38,687
5507 College Avenue, Suite 2
Oakland, CA 94618
Telephone: (510) 547-3378; Fax: (510) 653-7992

Certificate of Mailing under 37 CFR 1.10

I hereby certify that this application and all attachments are being deposited with the United States Postal Service as Express Mail (Express Mail Label: EL752476236US in an envelope addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231 on.

Date: Feb 9, 2001

Signed:

Name: Dov Rosenfeld, Reg. No. 38687